

JUN 09 2005

TRANSMITTAL
FORM

(To be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

OMB control number

Application Number	10/828,997
Filing Date	April 20, 2004
First Named Inventor	David W. Caldwell et al.
Art Unit	2822
Examiner Name	Unknown C. Arbes
Attorney Docket Number	37041-11481

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name Jenner & Block LLP, One IBM Plaza, Chicago, IL 60611

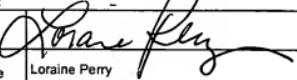
Signature 

Printed name Mark P. Vrla

Date June 6, 2005 Reg. No. 43,973

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature 

Typed or printed name Loraine Perry

Date June 6, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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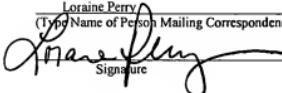
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.J.A.

JUN 09 2005

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Attorney Docket No.
37041-11481

Lorraine Perry
(Type Name of Person Mailing Correspondence)


Signature

June 6, 2005

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: David W. Caldwell et al.)
Serial No. 10/828,997)
Filed: April 20, 2004)
Group Art Unit: 2827)
Examiner: Unknown)
Title: Substrate with Multiple Conductive Layers)
and Methods for Making and Using Same)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents listed on the attached PTO-1449. A copy of each of the listed documents is enclosed.

To the best of Applicant's knowledge, this Statement is being filed before the mailing date of a first Office Action on the merits. Further, each item of information contained in this Statement was first cited in a communication from the International Searching Authority in a

counterpart international application not more than three months prior to the filing of this Statement. A copy of the International Search Report is also enclosed.

Respectfully submitted,



Mark P. Vrla
Registration No. 43,973

Dated: June 6, 2005

JENNER & BLOCK LLP
One IBM Plaza
Chicago, IL 60611
Ph: (312) 923-2657
fax: (312) 840-7657

Receipt date: 06/09/2005

10828997 - GAU: 3729

PTO/SB/08A (08-03)

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Under the Paperwork Reduction Act.

Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

51

20

of 12

Complete if Known

Application Number	10/828,997
Filing Date	April 20, 2004
First Named Inventor	David W. Caldwell
Art Unit	2827
Examiner Name	Unknown C. Arbes
Attorney Docket Number	37041-11481

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language

The collection of information is required by 37 CFR 1.37 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
<i>(Use as many sheets as necessary)</i>			
Sheet	2	of	2
		Attorney Docket Number	
		37041-11481	
Application Number 10/282,997 Filing Date April 20, 2004 First Named Inventor David W. Caldwell Art Unit 2827 Examiner Name Unknown C. Arbes			

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature	/Carl Arbes/	Date Considered	8/3/10
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to a patent examiner.

1 Application unique citation designation number (footnote). 2 Applicant is to place a check mark here if English Increases Translation is attached.

Application for Trademark Registration is attached. The collection of information is required by 37 CFR 1.88. The information is obtained by the public which is required to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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